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Mouse Olig3 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21091a

Product Information

Application	WB, E
Primary Accession	Q6PFG8
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51102
Calculated MW	29507

Additional Information

Gene ID	94222
Other Names	Oligodendrocyte transcription factor 3, Oligo3, Class B basic helix-loop-helix protein 7, bHLHb7, Oligodendrocyte-specific bHLH transcription factor 3, Olig3, Bhlhb7
Target/Specificity	This Mouse Olig3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 70-103 amino acids from the Central region of Mouse Olig3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Olig3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Olig3
Synonyms	Bhlhb7
Function	May determine the distinct specification program of class A neurons in the

	dorsal part of the spinal cord and suppress specification of class B neurons.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981, ECO:0000269|PubMed:11091082, ECO:0000269|PubMed:11960707}
Tissue Location	Weakly expressed, mainly in non-neural tissues.

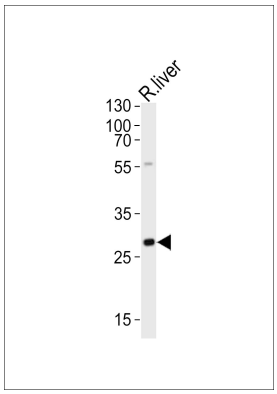
Background

May determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.

References

Takebayashi H.,et al.Mech. Dev. 99:143-148(2000).
Takebayashi H.,et al.Mech. Dev. 113:169-174(2002).
Mueller T.,et al.Genes Dev. 19:733-743(2005).

Images



Western blot analysis of lysate from rat liver tissue lysate, using Olig3 Antibody (Center)(Cat. #AP21091a). AP21091a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.